

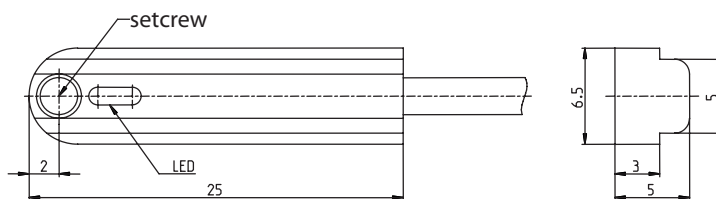
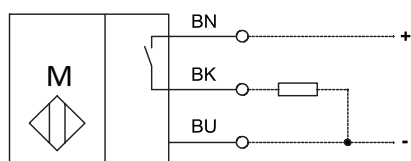
Electronic Magnetic Sensors

Series E30

Description **MEA-E30PS/H03-KL2**

Article number **6372299175**

Wiring diagram



Identifying characteristics in accordance with EN 60947-5-2

Electrical data		
Magnetic sensitivity		3 mT (south switching)
Switching element function		DC, N.O., open collector
Repeat accuracy	R	$\leq 0,1$ mT (constant U_B and ambient air temperature)
Max. frequency of operating cycles	f	10 Hz
Differential travel (hysteresis)	H	0,8 mT
Operational voltage range	U_B	8 – 30 V DC
Rated insulation voltage	U_i	75 V DC
Voltage drop	U_d	$< 2,5$ V @ 150 mA
Utilization category		DC-12
Rated operational current	I_e	≤ 150 mA
Leakage current		< 100 μ A
No-load supply current	I_o	< 5 mA (not actuated)
Switching element		Hall
Short-circuit protection		yes
Mounting		from side into a T-Groove
False polarity protection		yes

Mechanical data	
Enclosure	AlMgSi0,5 (aluminium)
Ambient air temperature	-20 °C ... +80 °C (cable fixed mounted)
Type of protection	IP 67 acc. to EN 60529
Function indication	LED yellow, output indication / output activated
Termination type	Cable 3 x 0,05 mm ² x 2 m $\pm$ 5 %, PUR - Outer jacket, black
Attachment	1 x setscrew M3 x 6, DIN913,

EU Conformity	
	acc. to directive 2014/30/EU (EMC-Directive)